

Abstract

A surface treated steel plate for a bearing seal having a coating film which has been formed through applying an aqueous solution containing 5 to 600 g/L of a water-soluble or water-dispersible lithium silicate having a mole ratio of silicic acid or silicate : lithium silicate of 20 : 1 to 1:1 and has, after drying, a film thickness such that the coating film contains 10 to 800 mg/m<sup>2</sup> of Si; and a bearing seal manufactured by using the surface treated steel plate. The surface treated steel plate is excellent in both corrosion resistance and wear resistance.